

REMARKS

Reconsideration of the above-identified Application is respectfully requested. Claims 3, 5, 8 and 10 are in the case. Claims 1, 2, 4, 6, 7, 9, 11 and 12 have been canceled. Claims 3, 5, 8 and 10 have been amended. The Title has been amended. The Abstract has been amended. The Specification has been amended.

Initially, it is noted that the Official Filing Receipt was issued including an erroneous Title, namely, "ELECTRICITY METER WITH MULTIPLE GAINS SIGNAL TO AN A/D CONVERTER", rather than the Title originally submitted by Applicants, namely, "ELECTRICITY METER WITH MULTIPLE GAIN SIGNALS TO AN A/D CONVERTER". In the hope that correction can be made most expeditiously, Applicants have simply requested by amendment herein that the Title be changed to its correct version, rather than submit a request for corrected filing receipt. It is therefore respectfully requested that the Title as amended herein be entered into the case.

Regarding the requirement for correction of the Abstract of the disclosure, such correction has been made by amendment herein. It is therefore respectfully requested that this requirement be deemed met.

Regarding the objection to Claims 1-10 because of alleged informalities, Claims 1, 2, 4, 6, 7, 9, 11 and 12 have been canceled, thereby rendering this objection moot with respect thereto. Claims 3, 5, 8 and 10 have been amended by incorporation of the limitations of their respective parent claim, and the language so incorporated includes the corrections required by the Examiner. Wherefore reconsideration and withdrawal of this objection are respectfully requested.

Regarding the objection to the Drawings under 37 C.F.R. § 1.83(a) as allegedly not showing "comparison circuit" as recited in Claims 1 and 6, a block corresponding to this circuit has been added to Figure 2. No new matter has

been added as "comparison circuit" was included in the Application as filed, both in the recitation of it in Claims 1 and 6 and in the description of its functionality, for example at paragraph [0010]. Wherefore reconsideration and withdrawal of this objection are respectfully requested.

Regarding the rejection under 35 U.S.C. § 102(b) of Claims 1, 2, 6, 7, 11 and 12 as allegedly being anticipated by Baer et al., these claims have been canceled, thereby rendering this rejection moot. Wherefore reconsideration and withdrawal of this rejection are respectfully requested.

Regarding the objection to Claims 3, 5, 8 and 10 as being dependent upon a rejected base claim, and the indication of their allowability if re-written to include all of the limitations of their base claim and any intervening claims, these claims have all been so re-written. Wherefore reconsideration and withdrawal of this objection and the allowance of these claims are respectfully requested.

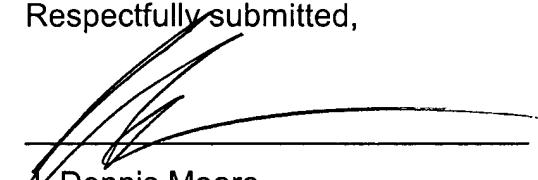
It is respectfully submitted that the claims recite the patentably distinguishing features of the invention and that, taken together with the above remarks, the present application is now in proper form for allowance. Reconsideration of the application, as amended, and allowance of the claims are requested at an early date.

While it is believed that the instant amendment places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

To the extent necessary, the Applicants petition for an Extension of Time under 37 C.F.R. §1.136. Please charge any fees in connection with the filing of this paper, including extension of time fees to the Deposit Account No. 20-0668

of Texas Instruments Incorporated.

Respectfully submitted,



J. Dennis Moore
Attorney for Applicant(s)
Reg. No. 28,885

Texas Instruments Incorporated
P.O. Box 655474, MS 3999
Dallas, TX 75265
Phone: (972) 917-5646
Fax: (972) 917-4418

AMENDMENTS TO THE DRAWINGS:

Please amend the drawings as follows:

Add to Figure 2 block **112** labeled "COMPARISON CIRCUIT" connected to the output of A/D Converter **108**, as shown in the accompanying replacement Sheet 1 of the Drawings.